What is claimed:

1. A method of three dimensionally imaging at least one site, comprising:

imaging the site through three seperate camera lens assemblies;

restricting an overall size of a scene that is imaged through the lenses, by allowing light to pass only through a plurality of apertures of specified shapes, each associated with one of the lens assemblies;

associating each of the plurality of lens assemblies and apertures with a separate camera portion, such that light which passes through each aperture is imaged by an entire camera portion; and

analyzing said light from each of the camera portions, to determine three dimensional object information about the object.

2. A method as in claim 1 wherein said apertures includes three apertures arranged in a substantially triangular shape.

3. A three-dimensional camera device, comprising:

first, second and third lens systems, arranged in the shape of an equilateral triangle;

first, second and third aperture plates, each associated with one of said lens systems;

a camera system, operating to obtain an image of a scene which has passed through said apertures, and

a controller, said controller controlling said camera such that each aperture is associated with a separate camera portion which includes substantially an entirety of said

camera portion taking an image through each aperture at a specified time.

4. A device as in claim 3 wherein said camera portion includes three separate cameras.